



Job Opportunity Bulletin

Senior Information Systems Analyst (Spec)

Pending Budget Approval

Tenure/Timebase: Permanent/Full Time
Office/Location: California Commission on Teacher Credentialing
Enterprise Technology Services Section
1900 Capitol Avenue
Sacramento, CA 95814-4213
Salary: \$5206 - \$6327/month
Final Filing Date: July 10, 2006 or until filled
Contact: Darren Addington (916) 322-4359

DUTIES:

The Senior ISA is the expert technical specialist on the implementation of database, data access and distribution technologies and will lead efforts involving the evaluation, implementation and maintenance of these technologies for the Teacher Data System (TDS) Project. The TDS Project is designed to meet the sole requirement of SB 77 (Chapter 38, Statutes 2005) for a longitudinally-linked system that supports high quality program evaluations. The project's objectives are to provide the data necessary to assess the effectiveness of policies, programs and expenditures; evaluate teacher mobility, retention and attrition; evaluate the pathways to teaching; monitor teacher assignments; provide an efficient, flexible and secure means of maintaining longitudinally-linked statewide teacher level data; and promote good data management practices with respect to teacher data systems and issues.

- **Database Administration (Siebel/Oracle)** – As the lead specialist, develops and maintains database applications for the most complex client-server applications. The Sr. ISA performs the most complex database activities such as the following:
 - Data analysis and normalization
 - Data and object modeling
 - Logical and physical database design
 - Performance tune database accesses and storage
 - Management of the DBMS configuration
 - Security controls
 - Backup and recovery procedures
- **Structured Query Language (SQL) Programming** – As the technical lead of the TDS system, develop and maintain the most complex SQL (PL/SQL) programs.
- **Data Planning** – Develops and maintains a department-wide data model (architecture) identifying key data and databases to support internal operational, administrative and management information needs and data/information dissemination as required by law. Construct a logical and physical data base model to consolidate/synchronize related data across the department. Leads in commission-wide or multidivisional efforts to analyze and implement solutions to data management problems.

CONDITIONS OF EMPLOYMENT: Fingerprint Clearance is required.

DESIRABLE QUALIFICATIONS:

- Ability to work independently and in a team environment
- Ability to analyze data and situations, identify and solve problems, reason logically and draw valid conclusions
- Ability and desire to keep current on Information Technology related issues
- Knowledge and experience in general information technology principles
- Knowledge and experience with the following: Siebel, Oracle, Crystal Reports, Adobe Central Pro and Java script
- Support management and the missions and goals of the division and the Commission
- Good interpersonal skills with the ability to interact with others at all levels in and out of the Commission

WHO MAY APPLY:

Individuals who possess the qualifications listed above and have employment list eligibility to a Sr. ISA (Spec) or individuals who are interested in a lateral transfer or reinstatement may apply. The appointment is subject to the State Restriction of Appointment (SROA).

IMPORTANT NOTE:

Interested applicants must submit a State Application (STD 678) to the above address, Attn: Darren Addington. *All applicants must clearly indicate the basis of their eligibility (i.e. SROA, surplus, reinstatement, transfer, or list eligibility) on the application.* The applications will be screened and only the most qualified applicants may be invited for an interview.

The California Commission on Teacher Credentialing is an Equal Opportunity Employer to all regardless of race, color, creed, national origin, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.